

Title (en)
APPARATUS FOR FOLDING CLOTHING

Title (de)
VORRICHTUNG ZUM FALTEN VON KLEIDUNGSSTÜCKEN

Title (fr)
APPAREIL POUR PLIER LES VÊTEMENTS

Publication
EP 4074885 A4 20240501 (EN)

Application
EP 20898835 A 20201208

Priority
• KR 20190164579 A 20191211
• KR 20190164589 A 20191211
• KR 2020017811 W 20201208

Abstract (en)
[origin: EP4074885A1] Disclosed is a garment folding apparatus, which serves to fold a garment during a process of conveying the garment, the garment folding apparatus including a loading assembly configured to load a garment, a folding assembly configured to fold the loaded garment while conveying the garment, and an unloading assembly disposed below the folding assembly and configured to unload a completely folded garment, in which the folding assembly includes a first conveyor configured to convey the garment in a horizontal direction, a second conveyor disposed to be spaced apart from the first conveyor in the horizontal direction, and a horizontal folding assembly including a folding bar configured to be inserted into a separation space between the first conveyor and the second conveyor, in which an inclined surface of the first conveyor and an inclined surface of the second conveyor face each other, such that various horizontal folding processes may be successfully performed within a limited space.

IPC 8 full level
D06F 89/00 (2006.01)

CPC (source: EP US)
B65G 15/22 (2013.01 - US); **D06F 89/00** (2013.01 - EP US); **D06F 89/02** (2013.01 - US); **B65G 2201/0229** (2013.01 - US)

Citation (search report)
• [XII] US 3774903 A 19731127 - SJOMAN C, et al
• [XI] JP 3073729 B2 20000807
• [XI] EP 0612879 A1 19940831 - JENSEN AG BURGDORF [CH]
• [A] GB 1208728 A 19701014 - WEIR HENRY J
• See also references of WO 2021118194A1

Designated contracting state (EPC)
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EP 4074885 A1 20221019; EP 4074885 A4 20240501; US 2023034688 A1 20230202; WO 2021118194 A1 20210617

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